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# UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

## PLAGUE-PREVENTION WORK.

### Infected Ground Squirrels.

Twelve plague-infected squirrels have been reported found in California as follows: In Alameda County 1, found on May 30; in San Benito County 4, 1 found on May 31, 1 on June 4, and 2 on June 5; in San Joaquin County 2, found June 1; in Santa Clara County 5, of which 1 was found on May 30, 1 on May 31, 1 on June 3, 1 on June 4, and 1 on June 5.

### Additional Data on Locations of Plague-Infected Ground Squirrels.

Passed Assistant Surgeon McCoy reports, June 16:

*Week ended May 21, 1910.*

#### SAN BENITO COUNTY.

Dunne Ranch, 14 miles north of Hollister, Gilroy Township, (Rancho Ansaymas y San Felipe).

San Luis Ranch, 16 miles north of Hollister, Gilroy Township (Rancho Ansaymas y San Felipe).

#### SANTA CRUZ COUNTY.

McGrath Ranch, 4 miles northeast of Watsonville.

#### STANISLAUS COUNTY.

Mills Ranch, 6 miles west of Crows Landing (sec. 2, T. 7 S., R. 7 E.).

*Week ended May 28, 1910.*

#### STANISLAUS COUNTY.

Barnes Ranch, Crows Landing (sec. 10, T. 7 S., R. 7 E.).

Sharp Ranch, 11 miles southwest of Crows Landing (sec. 26, T. 7 S., R. 7 E.).

#### SAN BENITO COUNTY.

Orr Ranch, 3½ miles northwest of Hollister (T. 12 S., R. 6 E.), Rancho Bolsade de San Felipe.

## MONTEREY COUNTY.

Badasci Ranch (Rancho Rincon de la Punta Monte, on line between R. 4 and 5 E., T. 16), about  $1\frac{1}{2}$  miles west of Gonzales.

*Week ended June 4, 1910.*

## SAN BENITO COUNTY.

Macomber Ranch, 5 miles south of Tres Pinos (T. 14 S., R. 6 E.), Rancho de los Paicines.

## SANTA CLARA COUNTY.

Yerba Buena Ranch, 1 mile north of Coyote (Rancho Yerba Buena y Socayre).

## Foci of Squirrel-Plague Infection.

Doctor McCoy reports, June 18:

During the past 2 weeks 2 foci of heavy infection of plague among ground squirrels have been found. One of these is in Santa Clara County about 20 miles southeast of San Jose. The other is in San Benito County about 15 miles southeast of Hollister.

Authentic reports from both of these localities show that the squirrels are dying in considerable numbers, and that many sick ones are to be seen going about in a dazed, helpless condition. Indeed, our hunters and some citizens report that in many cases it is a very simple matter to actually go into a field and pick up sick squirrels.

A considerable number of squirrels have been received from both these localities, and a large percentage of them when examined in the laboratory were found to present the usual lesions of plague infection in the ground squirrel.

Doctor McCoy further reports:

## SAN FRANCISCO, CAL.

Last case of human plague sickened January 30, 1908. Last plague-infected rodent trapped October 23, 1908. Total number of rats found infected to date, 398.

Week ended June 11, 1910. Premises inspected, 1,518. Houses destroyed, 16. Buildings condemned, 7. Nuisances abated, 125. Poisons placed, 6,860. Rats trapped, 2,139. Rats found dead, 27. Squirrels trapped, 5. Gophers trapped, 19. Rats identified, 2,166, as follows: *Mus norvegicus*, 1,698; *Mus rattus*, 96; *Mus musculus*, 285; *Mus alexandrinus*, 87. Average number of traps set daily, 7,645. Examined bacteriologically, 1,541 rats, 5 squirrels, and 5 gophers.

## BERKELEY, CAL.

There is no record of rodent plague in Berkeley. The last case of human plague sickened August 28, 1907.

Week ended June 11, 1910. Rats trapped, 196. Rats identified, 196, as follows: *Mus norvegicus*, 172; *Mus musculus*, 24. Rats examined bacteriologically, 172. No plague infection found.

**OAKLAND, CAL.**

Last case of human plague sickened October 26, 1909. Last case of rodent plague found December 1, 1908.

Week ended June 11, 1910. Rats found dead, 13. Rats trapped, 672. Rats identified, 685, as follows: *Mus norvegicus*, 566; *Mus rattus*, 11; *Mus musculus*, 105; *Mus alexandrinus*, 3. Rats examined bacteriologically, 580. No plague infection found.

**ALAMEDA COUNTY, CAL. (Exclusive of City of Oakland).**

Last case of human plague sickened, 2 miles southwest of Sunol, September 26, 1909. Last case of rodent plague found May 30, 1910. To the present time 81 ground squirrels and 1 wood rat have been found infected.

Week ended June 11, 1910. Ranches inspected, 7. Ground squirrels shot, 93; found dead, 3. Gophers shot, 1. Rabbits shot, 18. Acres covered with poison, 715. Examined bacteriologically, 96 squirrels, 1 gopher, and 18 rabbits. One plague-infected squirrel was found.

The plague-infected squirrel was found May 30, at Mulqueeny Ranch, Midway.

**COLUSA COUNTY, CAL.**

There is no record of human or rodent plague in Colusa County. Week ended June 11, 1910. Ranches inspected, 5. Ground squirrels shot, 48. Ground squirrels examined bacteriologically, 48. No plague infection found.

**LOS ANGELES COUNTY, CAL.**

The last case of human plague sickened August 11, 1908. A plague-infected rodent was found August 21, 1908.

Week ended June 11, 1910. Rats trapped, 2. Ground squirrels shot, 306. Examined bacteriologically, 306 squirrels and 2 rats. No plague infection found.

**MERCED COUNTY, CAL.**

There is no record of human or rodent plague in Merced County.

Week ended June 11, 1910. Ranches inspected, 5. Ground squirrels shot, 189. Kangaroo rats shot, 1. Examined bacteriologically, 177 ground squirrels and 1 kangaroo rat. No plague infection found.

**MONTEREY COUNTY, CAL.**

There is no record of human plague in Monterey County. The last plague-infected rodent was found May 25, 1910. Total number of ground squirrels found infected to date, 3.

Week ended June 11, 1910. Ranches inspected, 29. Ground squirrels shot, 1,022. Ground squirrels examined bacteriologically, 1,016. No plague-infected squirrels found.

**ORANGE COUNTY, CAL.**

There is no record of human or rodent plague in Orange County.

Week ended June 11, 1910. Ground squirrels shot, 64. Ground squirrels examined bacteriologically, 64. No plague-infected squirrels found.

**RIVERSIDE COUNTY, CAL.**

There is no record of human or rodent plague in Riverside County.

Week ended June 11, 1910. Ranches inspected, 3. Ground squirrels shot, 147. Ground squirrels examined bacteriologically, 147. No plague-infected squirrels found.

**SAN BENITO COUNTY, CAL.**

A fatal case of human plague occurred in San Benito County, June 11, 1910. The last case of rodent plague was found June 5, 1910. Total number of plague-infected squirrels found to date, 15.

Week ended June 11, 1910. Ranches inspected, 35. Ground squirrels shot, 631; found dead, 3. Ground squirrels examined bacteriologically, 627. Four plague-infected squirrels found.

The plague-infected squirrels were found at Macomber Ranch, 5 miles south of Tres Pinos, as follows: On May 31, 1 ground squirrel; on June 4, 1 ground squirrel; and on June 5, 2 ground squirrels.

The above-mentioned fatal case of human plague in San Benito County occurred at Hollister, June 11, and was reported by Doctor McCoy June 18. The patient was a Mexican employed in the vicinity.

**SAN BERNARDINO COUNTY, CAL.**

There is no record of human or rodent plague in San Bernardino County.

Week ended June 11, 1910. Ranches inspected, 3. Ground squirrels shot, 68. Ground squirrels examined bacteriologically, 68. No plague-infected squirrels found.

**SAN JOAQUIN COUNTY, CAL.**

There is no record of human plague in San Joaquin County. The last plague-infected squirrel was found June 1, 1910. Total number of ground squirrels found infected to date, 2.

Week ended June 11, 1910. Ranches inspected, 25. Ground squirrels shot, 271. Rabbits shot, 5. Examined bacteriologically, 263 squirrels and 5 rabbits. Two plague-infected squirrels found.

The plague-infected squirrels were found June 1 at Crocker and Winship Tract, 10 miles southwest of Tracy.

**SAN LUIS OBISPO COUNTY, CAL.**

There is no record of human plague in San Luis Obispo County. A plague-infected rodent was found January 29, 1910.

Week ended June 11, 1910. Ranches inspected, 22. Ground squirrels shot, 291. Rabbits shot, 1. Examined bacteriologically, 273 ground squirrels and 1 rabbit. No plague infection found.

**SANTA CLARA COUNTY, CAL.**

There is no record of human plague in Santa Clara County. The last plague-infected rodent was found June 5, 1910. Total number of ground squirrels found infected to date, 16.

Week ended June 11, 1910. Ranches inspected, 17. Ground squirrels shot, 567; found dead, 3. Ground squirrels examined bacteriologically, 555. Five plague-infected squirrels found.

The plague-infected squirrels were found at Yerba Buena Ranch 1 mile north of Coyote, as follows: One squirrel found on May 30 and 1 on May 31; on June 3, 1 squirrel, on June 4, 1 squirrel, and on June 5, 1.

## SANTA CRUZ COUNTY, CAL.

There is no record of human plague in Santa Cruz County. The last plague-infected rodent was found May 9, 1910. Total number of ground squirrels found infected to date, 2.

Week ended June 11, 1910. Ranches inspected, 16. Ground squirrels shot, 168. Ground squirrels examined bacteriologically, 151. No plague-infected squirrels found.

## STANISLAUS COUNTY, CAL.

There is no record of human plague in Stanislaus County. The last plague-infected rodent was found May 21, 1910.

Week ended June 11, 1910. Ranches inspected, 2. Ground squirrels shot, 59. Ground squirrels examined bacteriologically, 59. No plague-infected squirrels found.

Assistant Surgeon Chapin reports:

## SEATTLE, WASH.

No case of human plague since October 30, 1907. The last plague-infected rat was found February 8, 1910. Total number of plague-infected rats to date, 22.

Week ended June 4, 1910. Rats received, 922. Rats necropsied, 709. No plague-infected rats found.

Week ended June 11, 1910. Rats received, 970. Rats necropsied, 828. No plague-infected rats received.

## SMALLPOX IN THE UNITED STATES.

## Reports Received During Week ended July 1, 1910.

[ For reports received from January 1, 1910, to June 24, 1910, see Public Health Reports for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	June 12-18.....	2	.....	
Mobile.....	June 12-18.....	8	.....	
Montgomery.....	June 12-18.....	4	.....	
Total for State.....		14	.....	
<b>Kansas:</b>				
Atchison County—				
Atchison.....	Apr. 1-30.....	5	.....	
Butler County.....	Apr. 1-30.....	2	.....	
Cowley County.....	Apr. 1-30.....	1	.....	
Decatur County.....	Apr. 1-30.....	1	.....	
Doniphan County.....	Apr. 1-30.....	10	.....	
Edwards County.....	Apr. 1-30.....	1	.....	
Ellsworth County.....	Apr. 1-30.....	1	.....	
Finney County.....	Apr. 1-30.....	2	.....	
Graham County.....	Apr. 1-30.....	1	.....	
Greenwood County.....	Apr. 1-30.....	3	.....	
Harvey County.....	Apr. 1-30.....	1	.....	
Kearny County.....	Apr. 1-30.....	1	.....	
Kingman County.....	Apr. 1-30.....	2	.....	
Labette County—				
Parsons.....	Apr. 1-30.....	8	.....	
Leavenworth County.....	Apr. 1-30.....	1	.....	
Miami County.....	Apr. 1-30.....	1	.....	
Montgomery County.....	Apr. 1-30.....	27	1	
Coffeyville.....	Apr. 1-30.....	7	.....	
Norton County.....	Apr. 1-30.....	3	.....	
Osage County.....	Apr. 1-30.....	5	.....	
Osborne County.....	Apr. 1-30.....	1	.....	
Pawnee County.....	Apr. 1-30.....	3	.....	